

Figure 1

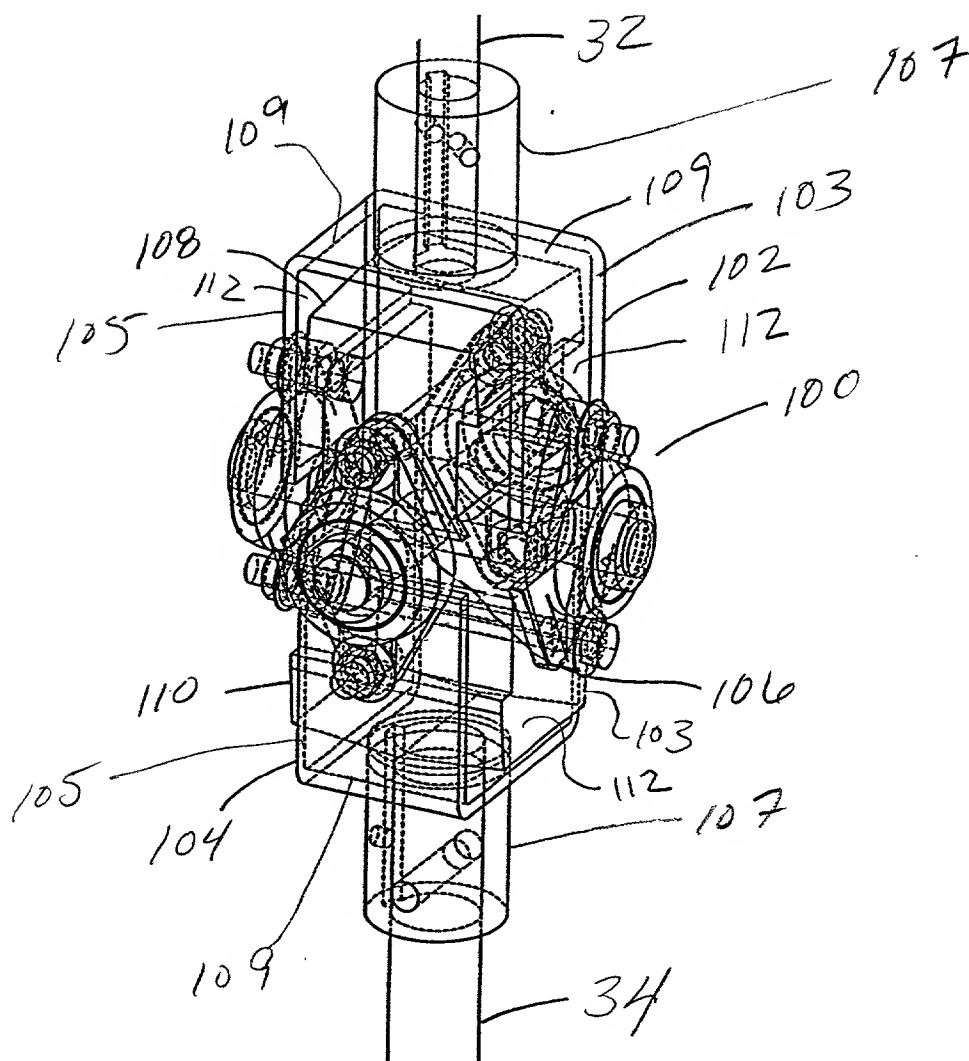


Figure 2

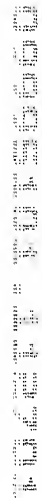


Figure 1 consists of 12 subplots (a-l) showing the evolution of various parameters over time (0 to 1000). The subplots are: (a) S, (b) I, (c) R, (d) E, (f) H, (g) A, (h) B, (i) C, (j) D, (k) F, and (l) G. Each plot shows a time series with a legend indicating different parameter values: $\alpha=0.01$ (blue), $\beta=0.01$ (orange), $\gamma=0.01$ (green), $\delta=0.01$ (red), $\epsilon=0.01$ (purple), and $\zeta=0.01$ (brown). The y-axis for all plots ranges from 0 to 1.0. The x-axis for all plots ranges from 0 to 1000. The plots show that the system converges to a steady state over time, with the steady state values depending on the parameters.

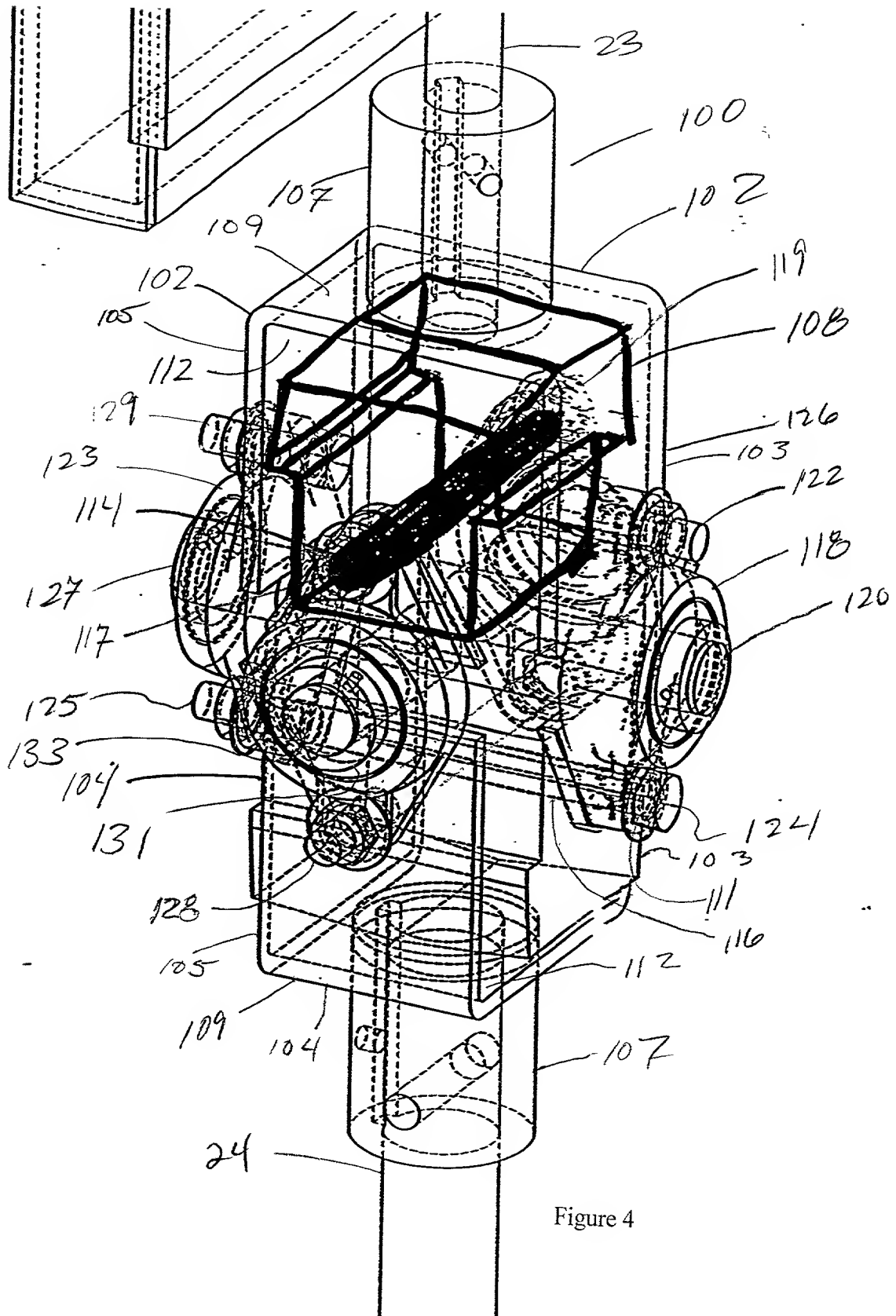


Figure 4

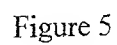




Figure 6

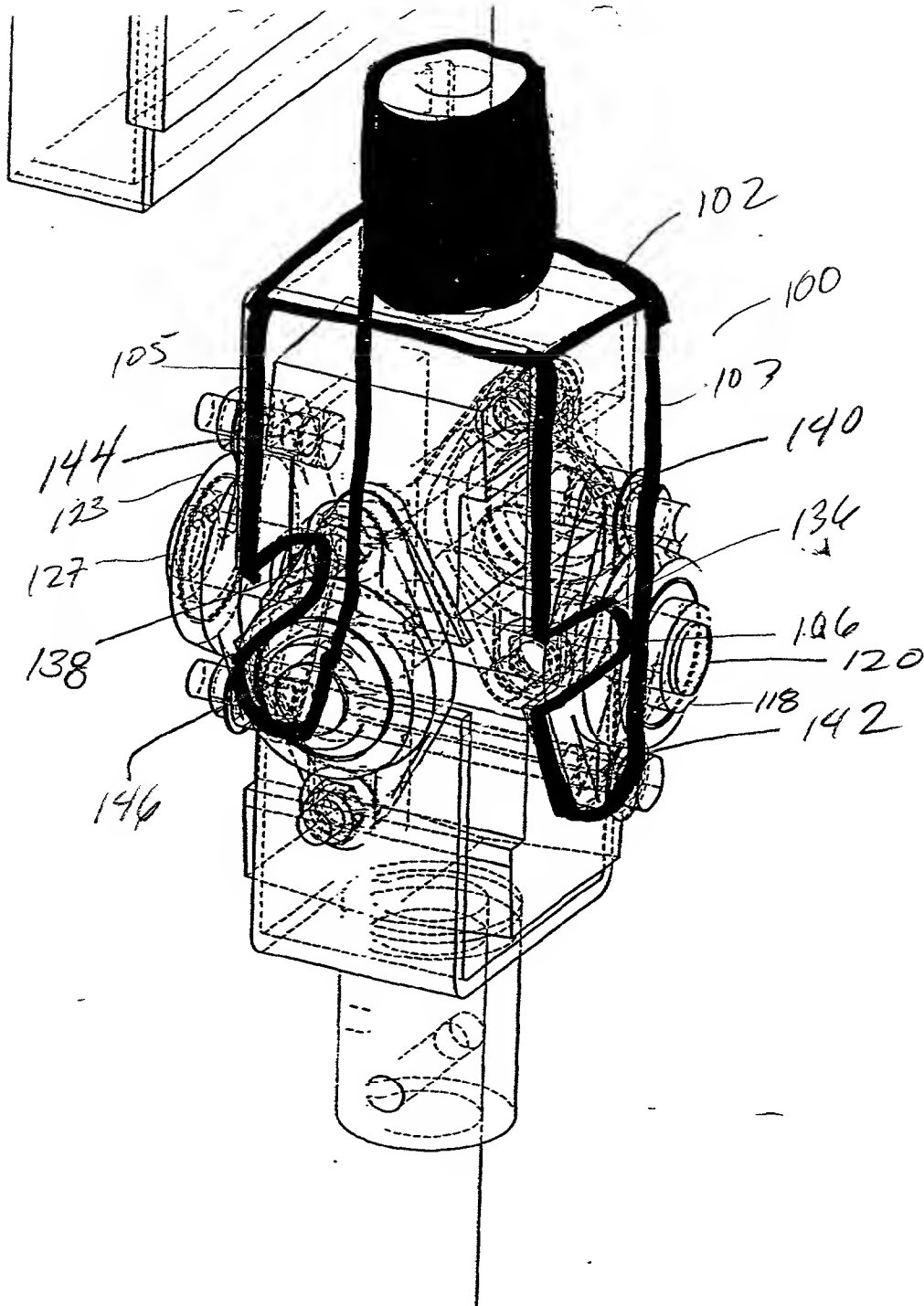


Figure 7

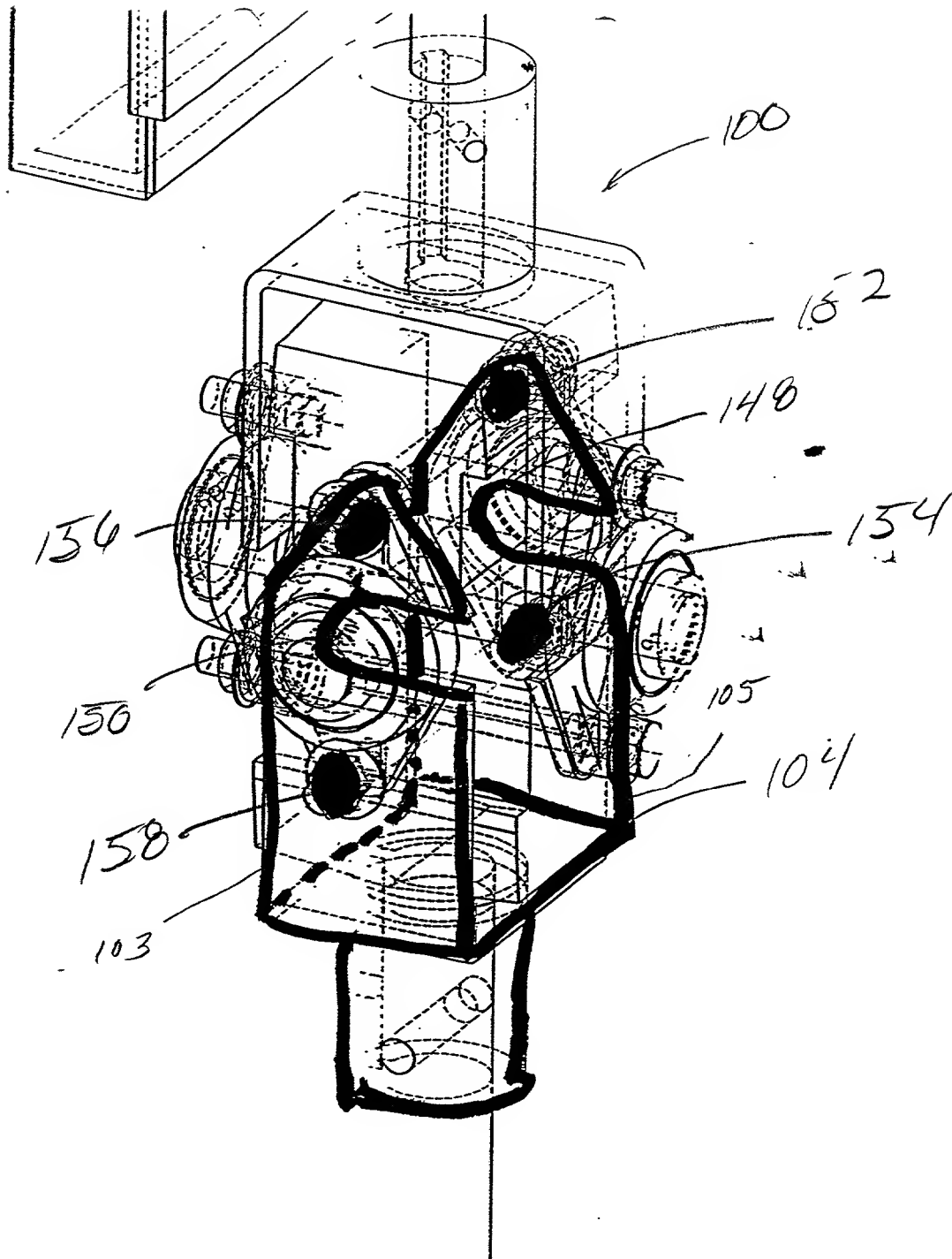


Figure 8

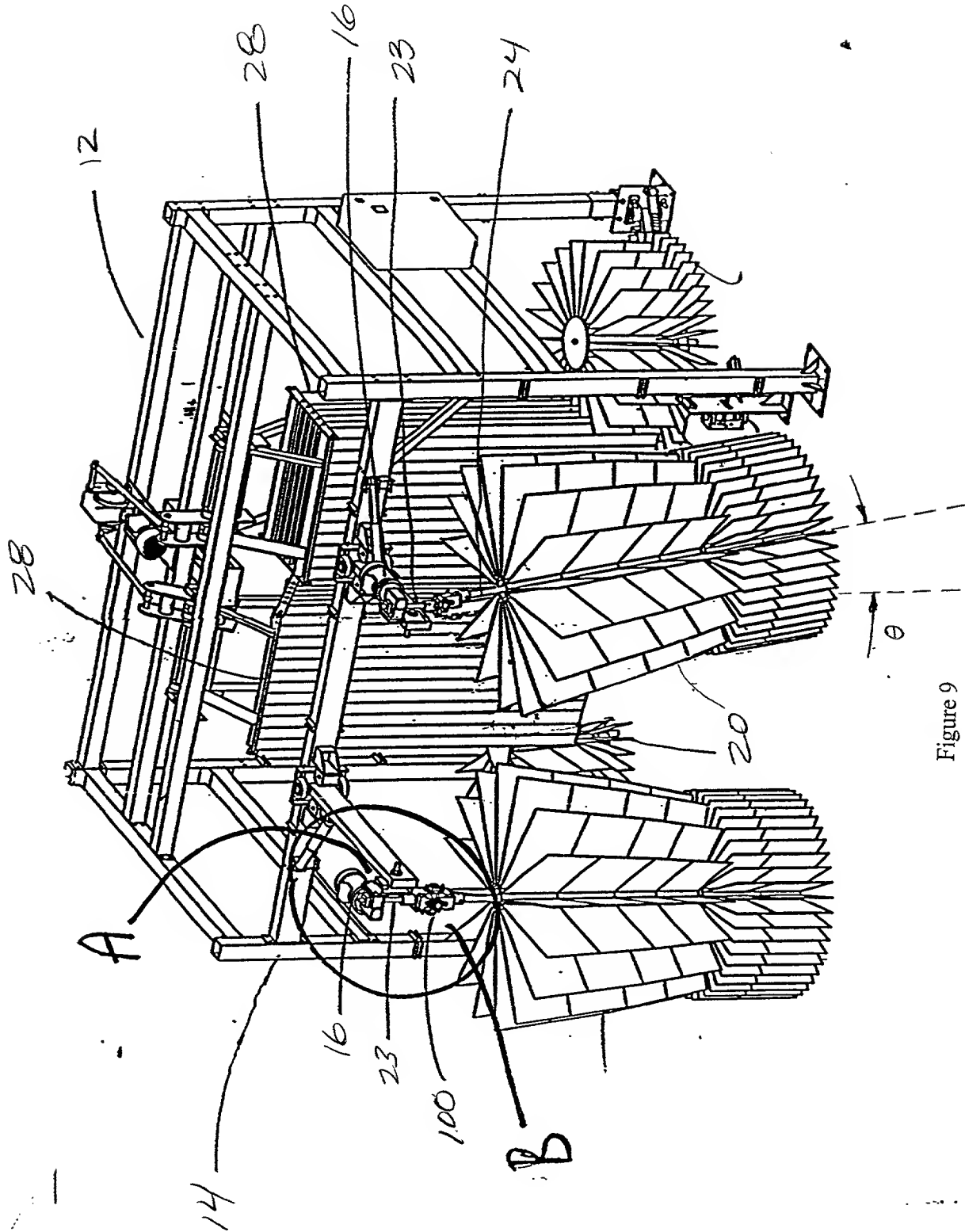


Figure 9

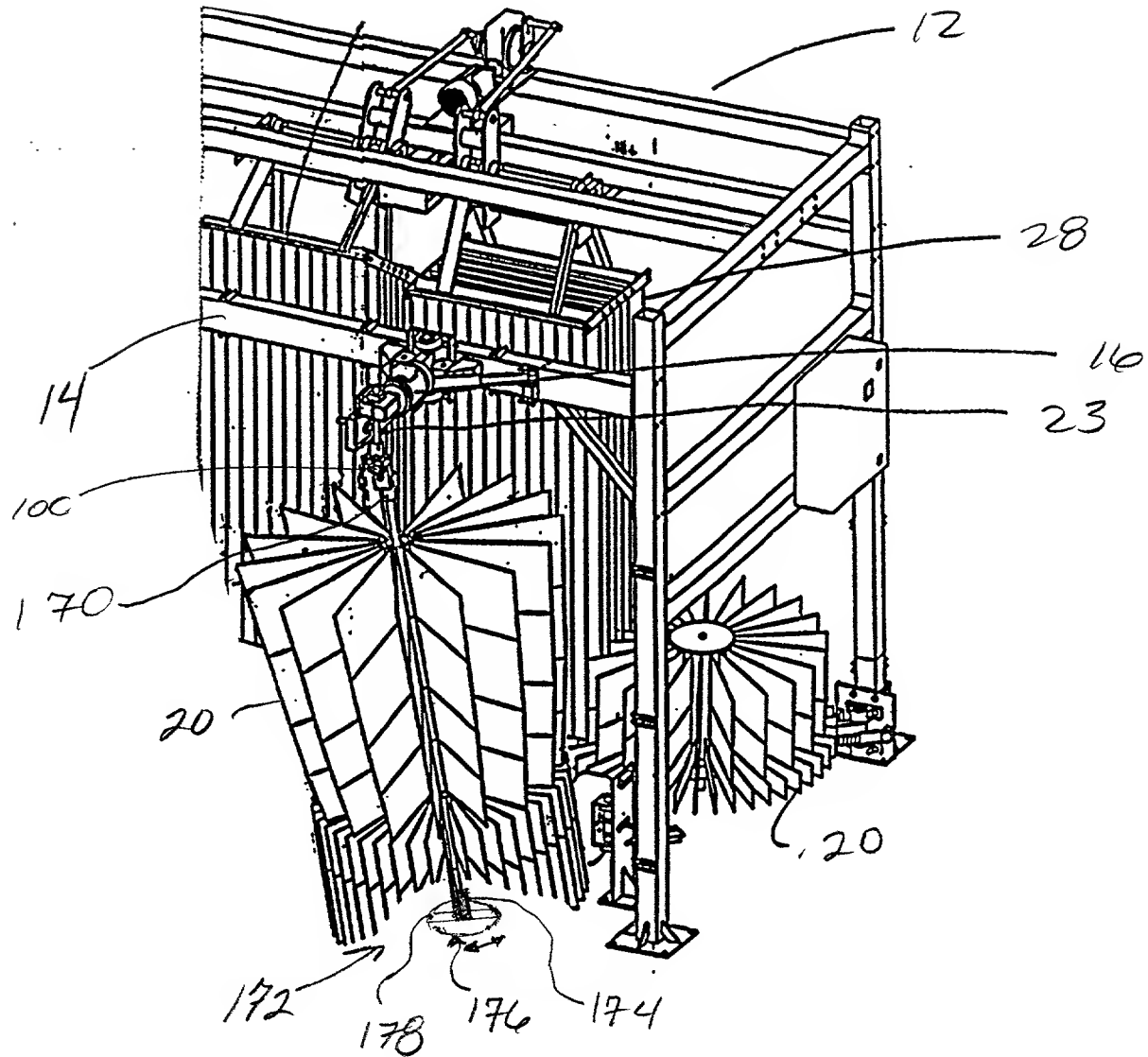


Figure 10